

KERNEL CRYPTOGRAPHIC MODULE SIGNATURE VERIFICATION SYSTEM AND METHOD

5 ABSTRACT OF THE DISCLOSURE

 A computer operating system having a kernel with a kernel module
signature verification unit is described herein. The kernel module signature
verification unit automatically monitors kernel module signature path and
extracts the signature information provided by each module attempting to load
10 to the kernel. The signature information captured from the kernel module path
is retrieved by a kernel cryptographic framework to verify the signature
information provided by a kernel cryptographic framework daemon when the
same kernel module attempts to register its routines and mechanisms with the
kernel cryptographic framework.

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